

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040319\
 Data File : VX008612.D
 Acq On : 03 Apr 2019 12:16
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 4/4/2019 3:38:41 PM

Quant Time: Apr 04 04:37:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:04:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	191732	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	321327	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	281591	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	122184	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	2459	1.114	ug/l	96
3) Chloromethane	1.32	50	3768	1.236	ug/l	96
4) Vinyl Chloride	1.41	62	3221	1.080	ug/l	90
5) Bromomethane	1.64	94	2357	1.481	ug/l	99
6) Chloroethane	1.72	64	3163m	1.509	ug/l	
7) Trichlorofluoromethane	1.93	101	3484	1.056	ug/l	99
8) Diethyl Ether	2.18	74	1701	1.088	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	2245	1.057	ug/l	92
12) 1,1-Dichloroethene	2.38	96	2545	1.148	ug/l #	75
14) Allyl chloride	2.73	41	5426	1.069	ug/l	94
15) Acrylonitrile	3.15	53	9548	5.505	ug/l	99
16) Acetone	2.44	43	8433	5.236	ug/l	94
17) Carbon Disulfide	2.57	76	10117	1.421	ug/l	97
18) Methyl Acetate	2.77	43	4561	1.168	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	7503	0.948	ug/l	91
20) Methylene Chloride	2.85	84	3284	1.218	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	2807	1.171	ug/l	96
22) Diisopropyl ether	3.85	45	10115	1.034	ug/l #	75
23) Vinyl Acetate	3.82	43	39727	4.669	ug/l	99
24) 1,1-Dichloroethane	3.70	63	4927	1.017	ug/l	95
25) 2-Butanone	4.68	43	12637	4.964	ug/l	98
26) 2,2-Dichloropropane	4.59	77	3298	0.967	ug/l	88
27) cis-1,2-Dichloroethene	4.60	96	3103	1.126	ug/l	97
28) Bromochloromethane	5.02	49	2898	1.261	ug/l	90
29) Tetrahydrofuran	5.14	42	9150	5.415	ug/l	99
30) Chloroform	5.21	83	4435	1.025	ug/l	90
31) Cyclohexane	5.58	56	5249	1.086	ug/l	89
32) 1,1,1-Trichloroethane	5.49	97	3406	0.975	ug/l #	51
36) 1,1-Dichloropropene	5.80	75	3992	1.137	ug/l	99
37) Ethyl Acetate	4.84	43	4533	0.967	ug/l #	86
38) Carbon Tetrachloride	5.79	117	2696	0.927	ug/l	97
39) Methylcyclohexane	7.46	83	4657	1.073	ug/l	96
40) Benzene	6.14	78	10688	1.021	ug/l	91
41) Methacrylonitrile	5.04	41	2897	1.075	ug/l #	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	6.19	62	3982	1.061	ug/l	98
43) Isopropyl Acetate	6.45	43	6885	0.937	ug/l	96
44) Trichloroethene	7.21	130	2538	1.041	ug/l	71
45) 1,2-Dichloropropane	7.52	63	3060	1.025	ug/l	89
46) Dibromomethane	7.66	93	1933	1.116	ug/l	96
47) Bromodichloromethane	7.90	83	3005	0.920	ug/l #	90
48) Methyl methacrylate	7.77	41	3706	0.998	ug/l	94
49) 1,4-Dioxane	7.75	88	1443	20.734	ug/l #	75
51) 4-Methyl-2-Pentanone	8.64	43	22051	4.664	ug/l	96
52) Toluene	8.78	92	6113	0.991	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	3168	0.866	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	3862	0.924	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	2498	1.009	ug/l	94
56) Ethyl methacrylate	9.18	69	4126	0.921	ug/l	97
57) 1,3-Dichloropropane	9.37	76	4528	1.018	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.31	63	10487	4.584	ug/l	99
59) 2-Hexanone	9.49	43	17366	4.726	ug/l	100
60) Dibromochloromethane	9.58	129	2056	0.881	ug/l	98
61) 1,2-Dibromoethane	9.67	107	2634	1.022	ug/l	97
64) Tetrachloroethene	9.34	164	2288	1.097	ug/l	92
65) Chlorobenzene	10.13	112	6532	1.046	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	2090	0.954	ug/l #	64
67) Ethyl Benzene	10.25	91	11389	0.978	ug/l	94
68) m/p-Xylenes	10.36	106	7986	1.908	ug/l	95
69) o-Xylene	10.69	106	3996	0.985	ug/l	99
70) Styrene	10.71	104	6519	0.932	ug/l	95
71) Bromoform	10.86	173	1357	0.811	ug/l #	90
73) Isopropylbenzene	11.02	105	10100	0.997	ug/l	98
74) N-amyl acetate	10.90	43	5828	0.978	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	4090	1.062	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	4027m	1.115	ug/l	
77) Bromobenzene	11.26	156	2539	1.043	ug/l	98
78) n-propylbenzene	11.36	91	11378	0.965	ug/l	99
79) 2-Chlorotoluene	11.42	91	7655	1.073	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	8117	0.955	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	1019	0.837	ug/l #	68
82) 4-Chlorotoluene	11.51	91	8812	1.067	ug/l	100
83) tert-Butylbenzene	11.77	119	7958	0.973	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	8306	0.965	ug/l	95
85) sec-Butylbenzene	11.94	105	9304	0.958	ug/l	97
86) p-Isopropyltoluene	12.06	119	8145	0.934	ug/l	91
87) 1,3-Dichlorobenzene	12.02	146	4818	1.106	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	5116m	1.159	ug/l	
89) n-Butylbenzene	12.38	91	7507	0.918	ug/l	99
90) Hexachloroethane	12.59	117	1308	0.905	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	4643	1.073	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	863	1.019	ug/l	92
93) 1,2,4-Trichlorobenzene	13.65	180	3316	1.102	ug/l	96
94) Hexachlorobutadiene	13.78	225	1401	0.971	ug/l	91
95) Naphthalene	13.83	128	10404	1.035	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.02	180	3277	1.090	ug/l	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

